Index of Claims

| Application No.     | Applicant(s)  |
|---------------------|---------------|
| 10/049,143          | KONZAK ET AL. |
| Examiner            | Art Unit      |
| Anne Marie Grunberg | 1661          |

| =        | Allowed  |
|----------|----------|
| <b>√</b> | Rejected |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim  |          | Date    |  |             |                      |                 |            | Claim Date |          |   |                |                        | Cli        | aim             | Date       |                    |  |                |                 |           |          |           |
|--------|----------|---------|--|-------------|----------------------|-----------------|------------|------------|----------|---|----------------|------------------------|------------|-----------------|------------|--------------------|--|----------------|-----------------|-----------|----------|-----------|
|        |          |         |  |             |                      |                 |            |            |          |   |                |                        |            |                 |            | Т                  |  | Ϊ              | $\Box$          | $\top$    | Т        |           |
| Final  | Original | 7/10/04 |  |             |                      |                 |            | Final      | Original |   |                |                        |            | Final           | Original   |                    |  |                |                 |           |          |           |
|        | L        | 1       | $\Box$   |             |                      |                 | <b>9</b> . |            |          | -   | +              | $\vdash\vdash\vdash$   |            |                 |            | $\perp \downarrow$ |  |                | $  \bot  $      | 4         | $\dashv$ |           |
|        | 2        | 1       |  | +           |                      | _               | bh         |            | 51<br>52 |   | +              | $\vdash \vdash \vdash$ |            |                 | 101        | +                  | $\perp$  |                |                 | 4         | +        | +         |
|        | 3        | V       | <del>                                     </del> | $\dashv$    |                      | $\dashv$        |            |            | 53       |   |                |                        |            | _               | 102        |                    | +  |                | $\vdash$        | 4         |          | +         |
|        | 4        | 1       | ╂╼╌┼╌  | $\dashv$    |                      | -               |            |            | 54       | <del></del>                                       | <del>-  </del> |                        |            |                 | 103<br>104 |                    |  | _              |                 | -         | -        |           |
|        | 5        | V       | <del>     </del>                                 | +           | ++                   |                 |            |            | 55       |   |                | $\vdash$               |            |                 | 105        |                    | ╁  | $\vdash$       | -               | -+        | -        |           |
|        | 6        | V       |  | $\dashv$    | <del></del>          | +               |            |            | 56       | <del>-  - -</del>                                 |                | $\vdash$               |            |                 | 106        |                    | ╌  |                | -               | -         |          | -         |
|        | 7        | 1       | <del>   -</del>                                  | +           |                      | +               |            |            | 57       | <del></del>                                       |                |                        |            | -               | 107        | -                  |  |                |                 | +         | +        |           |
|        | 8        | V       | <del>                                     </del> | $\dashv$    |                      | +               |            |            | 58       | <del></del>                                       |                | $\vdash$               |            |                 | 108        |                    | -  | _              |                 | $\dashv$  | +        | +-        |
|        | 9        | V       | <del>                                     </del> |             | -1-1                 | +               |            |            | 59       |   |                |                        |            | -               | 109        | _                  | -  | -              | $\dashv$        | $\dashv$  | -        | +         |
|        | 10       | V       | <del>                                     </del> |             | -                    | _               |            |            | 60       | <del>       </del>                                |                | $\vdash$               |            |                 | 110        | - -                | +  |                | Н               | -         | +        | +         |
|        | 11       | 1       |  |             | $\dashv$             | +               |            |            | 61       | <del>                                     </del>  | <del></del>    |                        | 97.4       |                 | 111        | -                  | ╂  | $\neg$         | $\vdash$        | $\dashv$  | +        | +         |
|        | 12       | 1       | <del>                                     </del> | +           |                      | +               |            |            | 62       | <del></del>                                       |                | H                      |            |                 | 112        |                    | $\vdash$   | $\vdash$       | $\vdash$        | $\dashv$  | +        | +         |
|        | 13       | 1       | <del>                                     </del> | + +         | +                    | - -             |            |            | 63       | <del>         </del>                              | +              | $\vdash$               |            |                 | 113        | +-                 | $\vdash$   | H              | -               | +         | +        | +         |
|        | 14       | 1       | <del>                                     </del> | ++          | $\dashv \dashv$      | -               |            |            | 64       | <del>- - - -</del>                                |                | H                      |            |                 | 114        |                    | +  | H              | $\vdash$        | $\dashv$  | +        | +         |
|        | 15       | V       |  | +           | $\dashv$             | +               |            |            | 65       | <del>-       </del>                               | ++-            |                        |            |                 | 115        | +                  | Н  | $\vdash$       | $\dashv$        | $\dashv$  | +        | +         |
|        | 16       | 1       |  | - -         |                      | -               |            |            | 66       |   | +              |                        |            |                 | 116        |                    | +  |                |                 | +         | +        | +         |
|        | 17       | V       |  | $\top$      |                      | $\dashv \dashv$ |            |            | 67       | <del>                                     </del>  | + +-           |                        |            |                 | 117        |                    | +  |                | -               | +         | +        | - -       |
|        | 18       | Ì       |  | 11          | $\dashv$             | $\top$          | 1          |            | 68       |   |                |                        | ŀ          |                 | 118        |                    | +  | $\vdash$       | -               | $\dashv$  | +        | +         |
|        | 19       | 1       |  | +           | +                    | $\dashv$        |            |            | 69       | <del>-       -   -</del>                          | +-+-           | -                      | 1          |                 | 119        | +-                 | ╁  | $\dashv$       | $\dashv$        | +         |          | +         |
|        | 20       | 1       |  | + +         | <del>-   -  </del> - | $\dashv \dashv$ |            | _          | 70       | +   |                |                        |            | _               | 120        | $\dashv$           | +  | $\dashv$       | $\dashv$        | -+        | +        | +         |
|        | 21       | 1       |  | 11          |                      | $\dashv \dashv$ |            |            | 71       | <del>-   -   -  </del>                            |                |                        | -          |                 | 121        |                    |  | $\dashv$       |                 | $\dashv$  | -        | +         |
|        | 22       | 1       |  | ++          |                      | _               |            |            | 72       | <del>                                      </del> |                |                        |            |                 | 122        |                    | $\vdash$   |                | -               | $\dashv$  | +        | +-        |
|        | 23       | i       |  |             | +                    | $\top$          | -          |            | 73       | <del></del>                                       | 1-1-1          | -                      | ŀ          | _               | 123        | -                  | +  |                | ┪               | +         |          | ╁         |
|        | 24       | V       |  | +           | <del>-   -  </del>   | $\dashv$        |            |            | 74       | <del>                                     </del>  |                | +                      |            |                 | 124        | -                  | <del>                                     </del> | $\dashv$       | $\dashv$        |           | +        | +         |
|        | 25       | 1       |  | 1           | -                    | $\neg$          |            |            | 75       | <del></del>                                       | _              | -                      | 75         |                 | 125        | _                  | ╂─┤  | -              | $\dashv$        | -         | +        | +         |
|        | 26       | 1       |  | 11          | $\dashv$             | -               | 1          |            | 76       | <del>                                     </del>  | $\dashv$       |                        | -          |                 | 126        |                    | ┨  |                | $\dashv$        | ┰         |          | ╁         |
|        | 27       | 1       |  | +           | 1-1                  | $\top$          |            |            | 77       | <del>-         </del> -                           |                |                        | ŀ          |                 | 127        | +                  | 1 1  | _              | $\dashv$        | ╁         |          | +         |
|        | 28       | 1       |  | +++         | $\dashv$             | $\neg \vdash$   | r          |            | 78       | <del></del>                                       | _              | -                      |            | -               | 128        | +                  | <del>  </del>                                    | -              | $\dashv$        | +         |          | +         |
|        | 29       | 1       |  | $\top \top$ |                      | $\dashv$        | -          |            | 79       |   | +++            |                        | -          | -               | 129        |                    | 1  | $\dashv$       |                 | +         | +        | +         |
|        | 30       | 1       |  | 11          |                      | $\dashv \dashv$ |            |            | 80       |   |                |                        | -          |                 | 130        | $\dashv$           | $\vdash$   | -              | +               | $\forall$ | -        | +         |
|        | 31       | 1       |  | $\dashv$    |                      |                 |            |            | 81       | <del></del>                                       | 1 1            |                        | ## -       | 1               | 131        | +                  | H  | $\dashv$       | $\dashv$        | 十         | ┰        | +         |
|        | 32       | 1       |  | 1           | 11                   |                 |            |            | 82       |   | 1              |                        | - Annual   |                 | 132        |                    | $\vdash$   | $\neg$         | -               | +         | +        | +-        |
|        | 33       | 1       |  |             |                      | $\dashv \dashv$ |            |            | 83       |   |                |                        | -          |                 | 133        | $\neg$             | Н  | $\dashv$       | _               | $\top$    | +        |           |
|        | 34       | 1       |  |             |                      |                 |            |            | 84       | <del>                                     </del>  | +              |                        |            |                 | 134        | $\top$             | Ħ  | $\dashv$       | $\neg \dagger$  | $\dashv$  | +        | +         |
|        | 35       | 1       |  |             | $\dashv \dashv$      |                 |            |            | 85       |   | 1              |                        | # <b> </b> |                 | 135        |                    | П  | $\neg \dagger$ | $\dashv$        | $\top$    | $\top$   | +         |
|        | 36       | 1       |  | $\top$      |                      |                 |            |            | 86       |   | 1              |                        |            |                 | 136        | $\top$             | $\sqcap$   |                | $\dashv$        | 十         | +        | +         |
| 1      | 37       | 1       |  | $\top$      |                      |                 |            | $\neg$     | 87       |   | 111            |                        |            |                 | 137        | $\top$             | П  | -              | $\dashv$        | 十         | 十        | $\dagger$ |
|        | 38       | 1       |  | $\top$      |                      | $\Box$          |            |            | 88       | - - -   |                | $\neg$                 |            |                 | 138        |                    | -  | $\dashv$       | $\neg$          | $\dashv$  | +        | T         |
|        | 39       | 1       |  | $\top$      |                      | $\neg \neg$     |            |            | 89       | 1     -   -                                       | 1              |                        |            | $\neg \uparrow$ | 139        | $\top$             | H  | _              | $\dashv$        | 十         | +        | +         |
|        | 40       | 1       |  | $\top$      |                      |                 |            |            | 90       |   |                |                        | F          |                 | 140        | $\neg$             | $\Box$   | $\dashv$       | $\dashv$        | $\dashv$  | +        | +         |
|        | 41       | 1       |  |             | $\Box$               |                 |            |            | 91       |   | $\top$         |                        |            |                 | 141        | _ _                |  | 寸              | $\dashv$        | $\top$    | $\top$   | $T^{-}$   |
|        | 42       | 1       |  |             |                      |                 |            |            | 92       |   | 111            |                        |            |                 | 142        | 1                  |  | $\dashv$       | $\dashv$        | _         | 十        | 1         |
|        | 45       |         |  |             |                      |                 |            |            | 93       |   | $\top$         |                        | : 5        |                 | 143        |                    |  |                | $\dashv$        | $\dashv$  | 十        | $\top$    |
| $\Box$ | 44       | 1       |  |             |                      |                 |            |            | 94       |   |                |                        |            |                 | 144        |                    | П  |                | 寸               | 1         | $\top$   | 1         |
| [      | 45       | 1       |  |             |                      |                 |            |            | 95       |   |                |                        |            |                 | 145        |                    | $\Box$   | 一              | $\neg$          | $\neg$    | 1        | $\top$    |
|        | 46       | _       |  |             |                      |                 |            |            | 96       |   |                |                        |            |                 | 146        |                    |  | $\dashv$       | 7               | $\top$    | $\top$   | $\top$    |
|        | 47       |         |  |             |                      |                 |            |            | 97       |   |                |                        |            |                 | 147        |                    | $\Box$   |                | $\neg \uparrow$ | $\top$    | +        | 1         |
|        | 48       |         |  |             |                      |                 |            |            | 98       |   |                |                        |            |                 | 148        |                    | $\Box$   | 7              | $\neg$          | $\top$    | 1        | $\top$    |
| $\Box$ | 49       |         |  |             |                      |                 | UH.        |            | 99       |   |                |                        |            |                 | 149        |                    |  | 7              | 7               | 十         | $\top$   | T         |
|        | 50       |         |  |             |                      | $\Box$          |            |            | 100      |   |                | 7                      |            |                 | 150        | T                  | П  | 7              |                 |           | 1        | T-        |